



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

## NOTICE OF ACCEPTANCE (NOA)

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

McElroy Metal, Inc.  
1500 Hamilton Road  
Bossier City, LA 71111

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

### DESCRIPTION: "PBR Panel Wall" .023"(min) Steel Wall Panel

**APPROVAL DOCUMENT:** Drawing No. E, titled " PBR – Panel Waterhead Test ", sheets 1 through 5 of 5, prepared by McElroy Metal, Inc. Engineering Services Dept., signed and sealed by Terrence E. Wolfe, P.E. on February 12, 2009, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each panel shall bear a permanent label with the manufacturer's name or logo:

1500 Hamilton Road 9700 Interstate 20 253 One Georgia Dr. 460 Clay Road 10490 State Hwy 10  
Bossier City, LA 71111 Merkel, TX 79536 Ashburn, GA 31714 Sunnyvale, TX 75182 Clinton, ILL 61727  
and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 09-0504.08 and consists of this page 1, evidence submitted pages E-1 & E-2 and approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
01/16/2014

NOA No. 14-0102.07  
Expiration Date: 03/18/2019  
Approval Date: 01/16/2014  
Page 1

**McElroy Metal, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-1007.07**

**A. DRAWINGS**

1. *Drawing No. E, titled "PBR – Panel Waterhead Test", sheets 1 through 5 of 5, prepared by McElroy Metal, Inc. Engineering Services Dept., signed and sealed by Terrence E. Wolfe, P.E. on February 12, 2009.*

**B. TESTS**

1. *Test reports on:*
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test, per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading, per FBC, TAS 203-94along with drawings and installation diagram of PBR Panel assembly, prepared by Farabaugh Engineering and Testing, Test Report No. T295-07, dated 09/30/07, (revised 4/23/08) signed and sealed by Daniel G. Farabaugh, P.E.

**C. CALCULATIONS**

1. *Calculations titled "R Panel, 24 Ga.", 2 pages, prepared by Terrence E. Wolfe, P.E., signed and sealed by Terrence E. Wolfe, P.E. on December 6, 2008.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *Tensile Test, prepared by West Penn Material Evaluation, dated September 12, 2007.*

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 09-0504.08**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

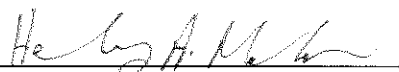
1. *None.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

  
\_\_\_\_\_  
Helmy A. Makar, P.E., M.S.  
Product Control Unit Supervisor  
NOA No. 14-0102.07  
Expiration Date: 03/18/2019  
Approval Date: 01/16/2014

**McElroy Metal, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**3. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *None.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

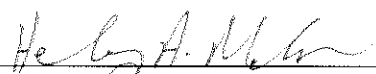
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

**E. MATERIAL CERTIFICATIONS**

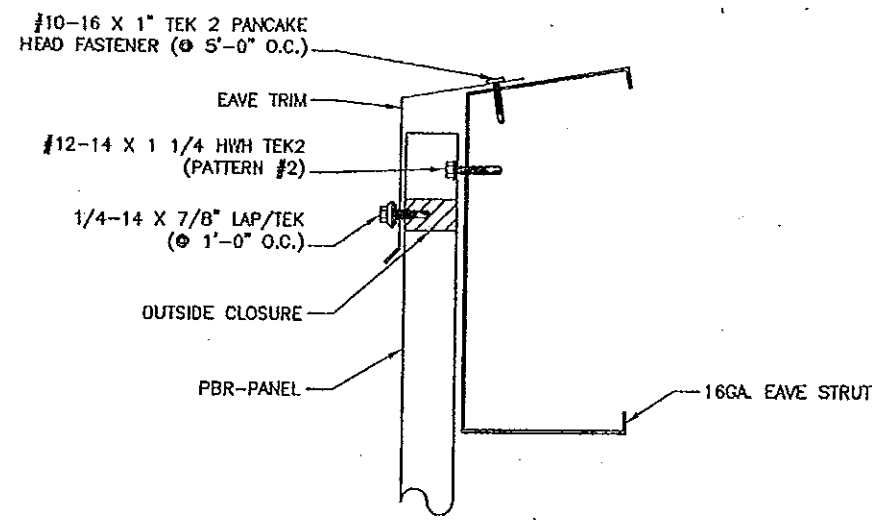
1. *None.*

**F. STATEMENTS**

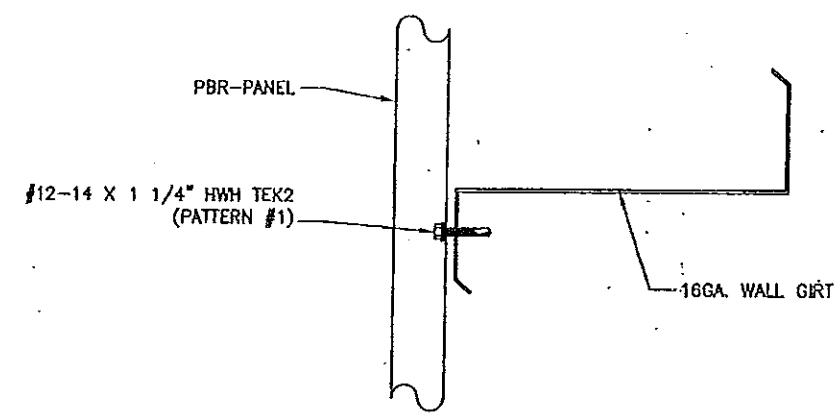
1. *FBC, 2010 Edition compliance letter issued by Force Engineering & Testing, Inc., dated November 22, 2013, signed and sealed by Terrence E. Wolfe, P.E.*



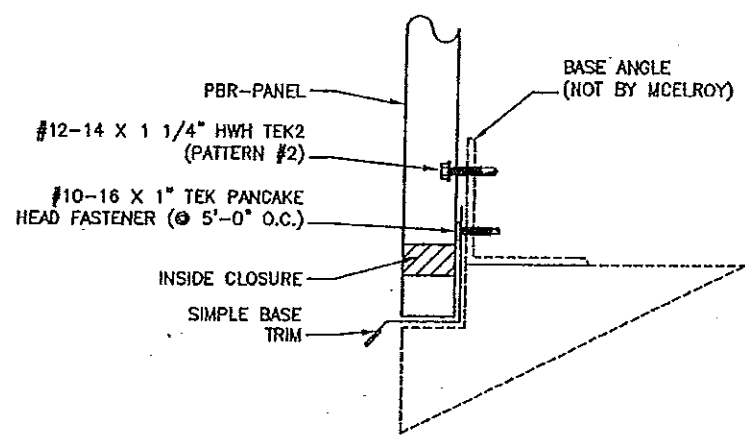
**Helmy A. Makar, P.E., M.S.**  
**Product Control Unit Supervisor**  
**NOA No. 14-0102.07**  
**Expiration Date: 03/18/2019**  
**Approval Date: 01/16/2014**



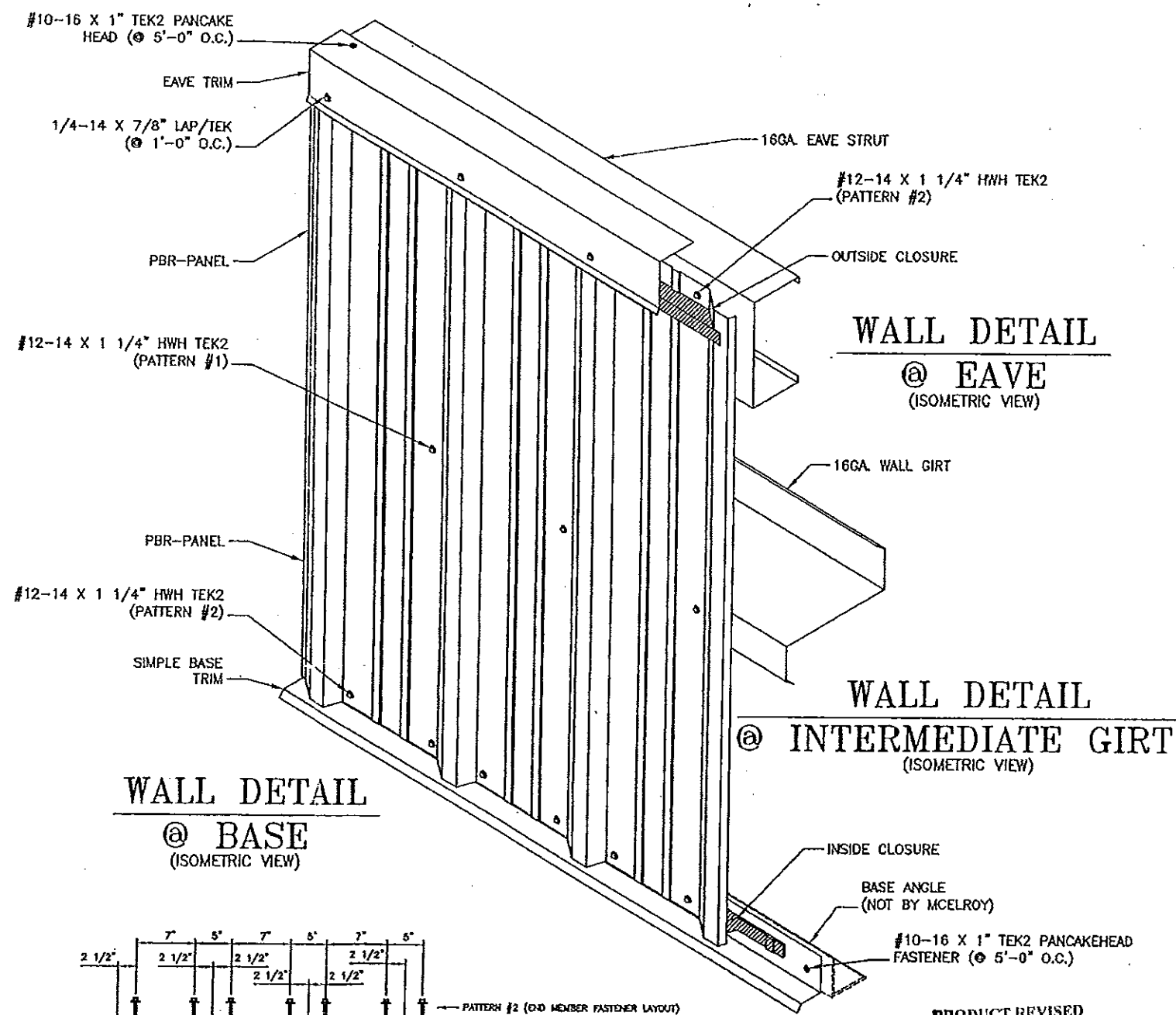
WALL DETAIL  
@ EAVE



WALL DETAIL  
@ INTERMEDIATE GIRT



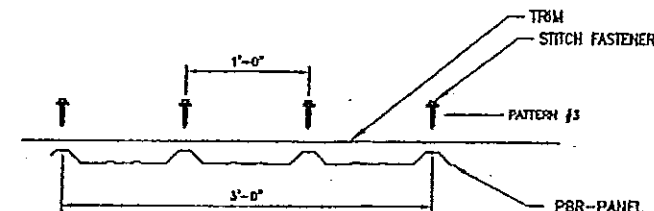
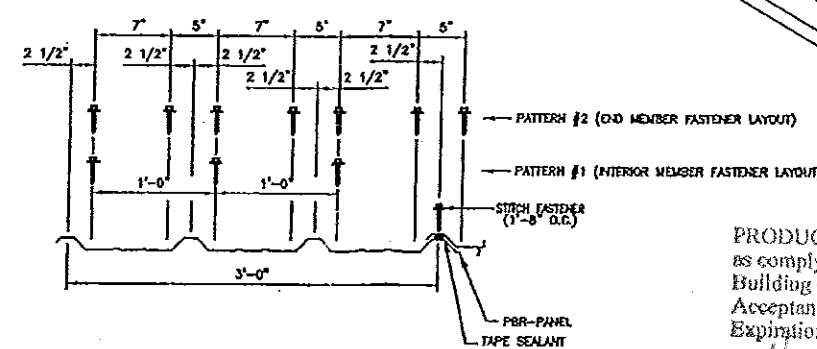
WALL DETAIL  
@ BASE



WALL DETAIL  
@ EAVE  
(ISOMETRIC VIEW)

WALL DETAIL  
@ INTERMEDIATE GIRT  
(ISOMETRIC VIEW)

WALL DETAIL  
@ BASE  
(ISOMETRIC VIEW)



R-PANEL FRAMING AND TRIM SCREW PATTERNS

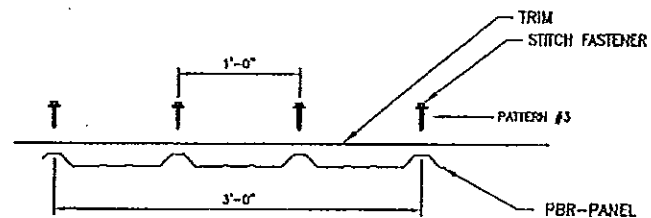
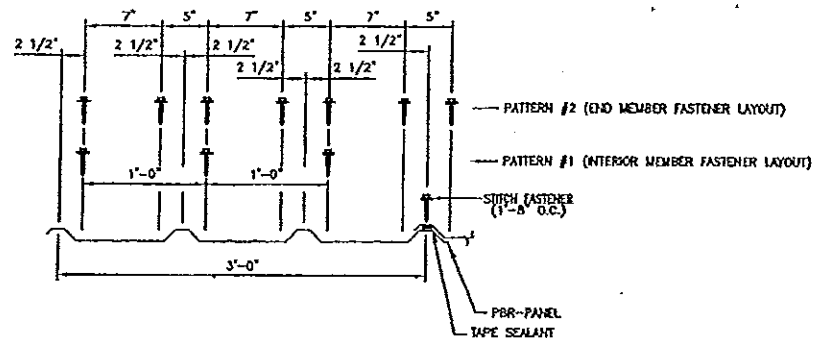
PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 14-0192-07  
Expiration Date 03/18/2014  
By *Heidi Harris*  
Miami Dade Product Control

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 09-0504-08  
Expiration Date 03/18/2014  
By *Heidi Harris*  
Miami Dade Product Control  
Division

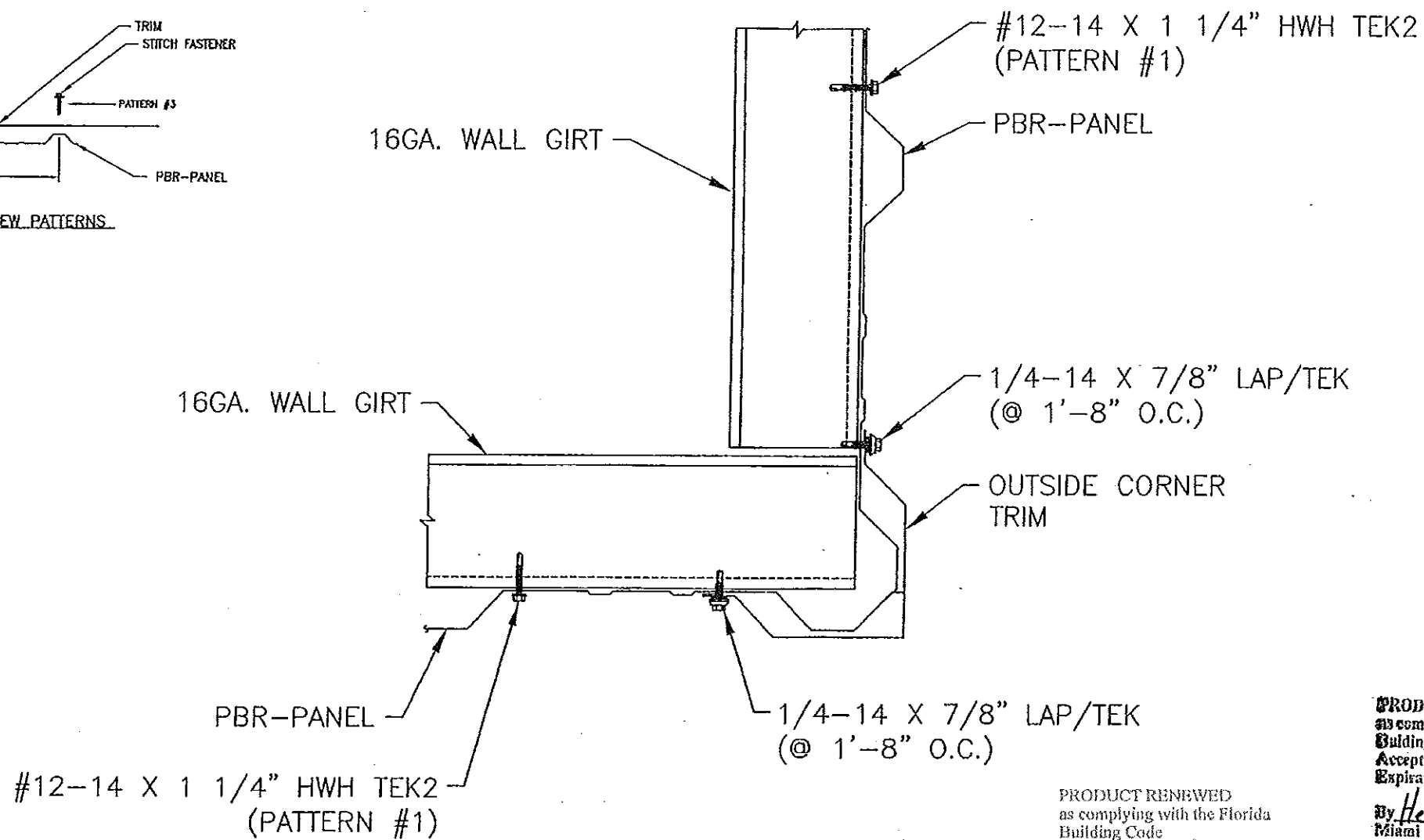
Approved as complying with the  
Florida Building Code  
Date 2-23-09  
NOAR 08-1007-07  
Miami Dade Product Control  
Division  
By *Heidi Harris*

*J. Wolfe*  
FEB 12 2009  
FOR CONSTRUCTION

<p>MCELROY METAL, INC. ENGINEERING SERVICES DEPT. 1500 HAMILTON ROAD - BOSSIER CITY, LA 70747-9000</p>	
<p>DADE COUNTY TESTING PBR-PANEL WATERHEAD TEST MCELROY METAL, INC. MANUF. ENG.: TERRENCE E. WOLFE, P.E. FL REGISTRATION #: 44923</p>	
<p>SCALE: N.T.S.</p>	
<p>DATE: 6/1/07</p>	
<p>DWN. BY: J. PURDY</p>	
<p>CHKD BY: E. OSTER</p>	
<p>LOG NO:</p>	
<p>E1 OF 5</p>	



R-PANEL FRAMING AND TRIM SCREW PATTERNS



DETAIL  
@ OUTSIDE CORNER

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 14-0102-07  
Expiration Date 03/18/2019  
By *Heather A. Miller*  
Miami Dade Product Control  
Division

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 09-0504-08  
Expiration Date 03/18/2014  
By *Heather A. Miller*  
Miami Dade Product Control  
Division

Approved as complying with the  
Florida Building Code  
Date 2-23-09  
NO. 08-1007-07  
Miami Dade Product Control  
Division  
By *Dig Harris*

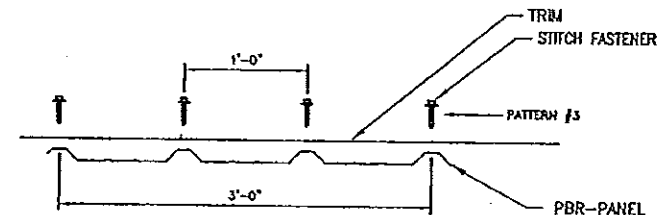
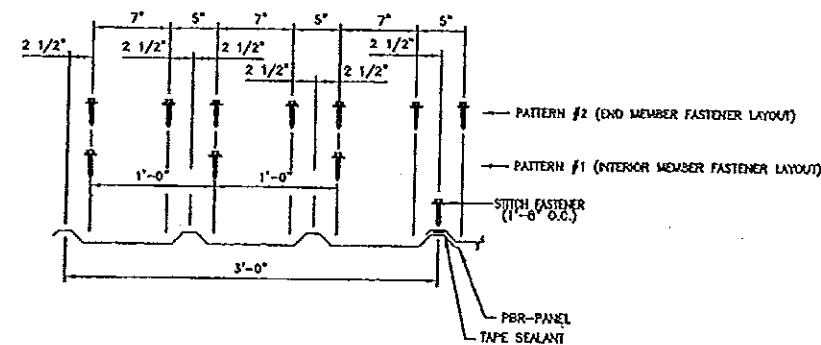
FOR CONSTRUCTION

McELROY METAL, INC.  
ENGINEERING SERVICES DEPT.  
1500 HAMILTON ROAD - BOSSIER CITY, LA 70730

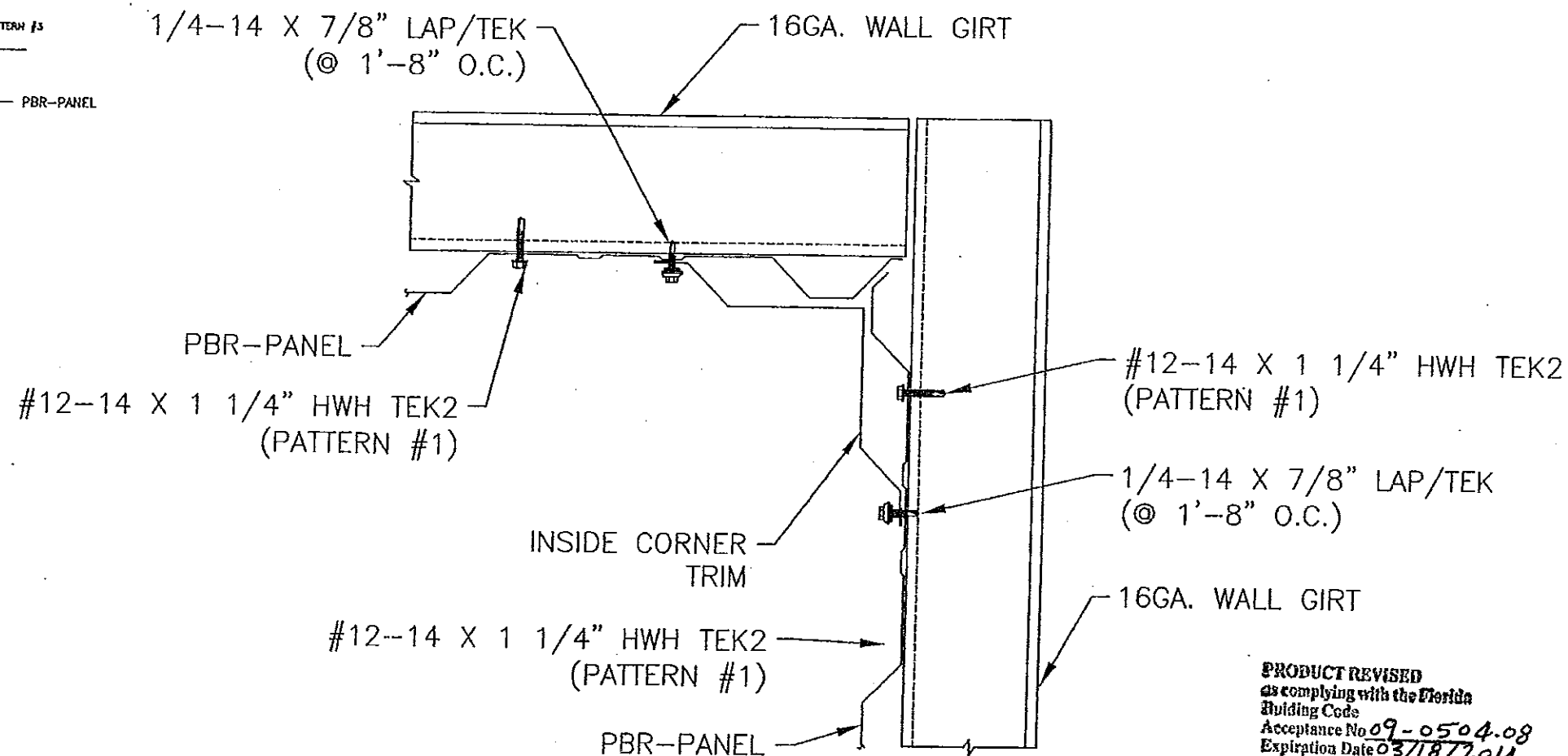


DADE COUNTY TESTING  
PBR-PANEL WATERHEAD TEST  
McELROY METAL, INC.  
MAN'F. ENG.: TERENCE E. WOLFE, P.E.  
FL REGISTRATION #: 44923

SCALE: N.T.S.  
DATE: 6/11/07  
OWN. BY: J. PUROY  
CHKD BY: E. OSTER  
LOG NO.:  
E2 OF 5



R-PANEL FRAMING AND TRIM SCREW PATTERNS.



DETAIL  
@ INSIDE CORNER

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 14-0102-07  
Expiration Date 03/18/2019  
By *Healy Harris*  
Miami Dade Product Control

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 09-0504-08  
Expiration Date 03/18/2014  
By *Healy Harris*  
Miami Dade Product Control  
Division

Approved as complying with the  
Florida Building Code  
Date 2-23-09  
By *Healy Harris*  
Miami Dade Product Control  
Division

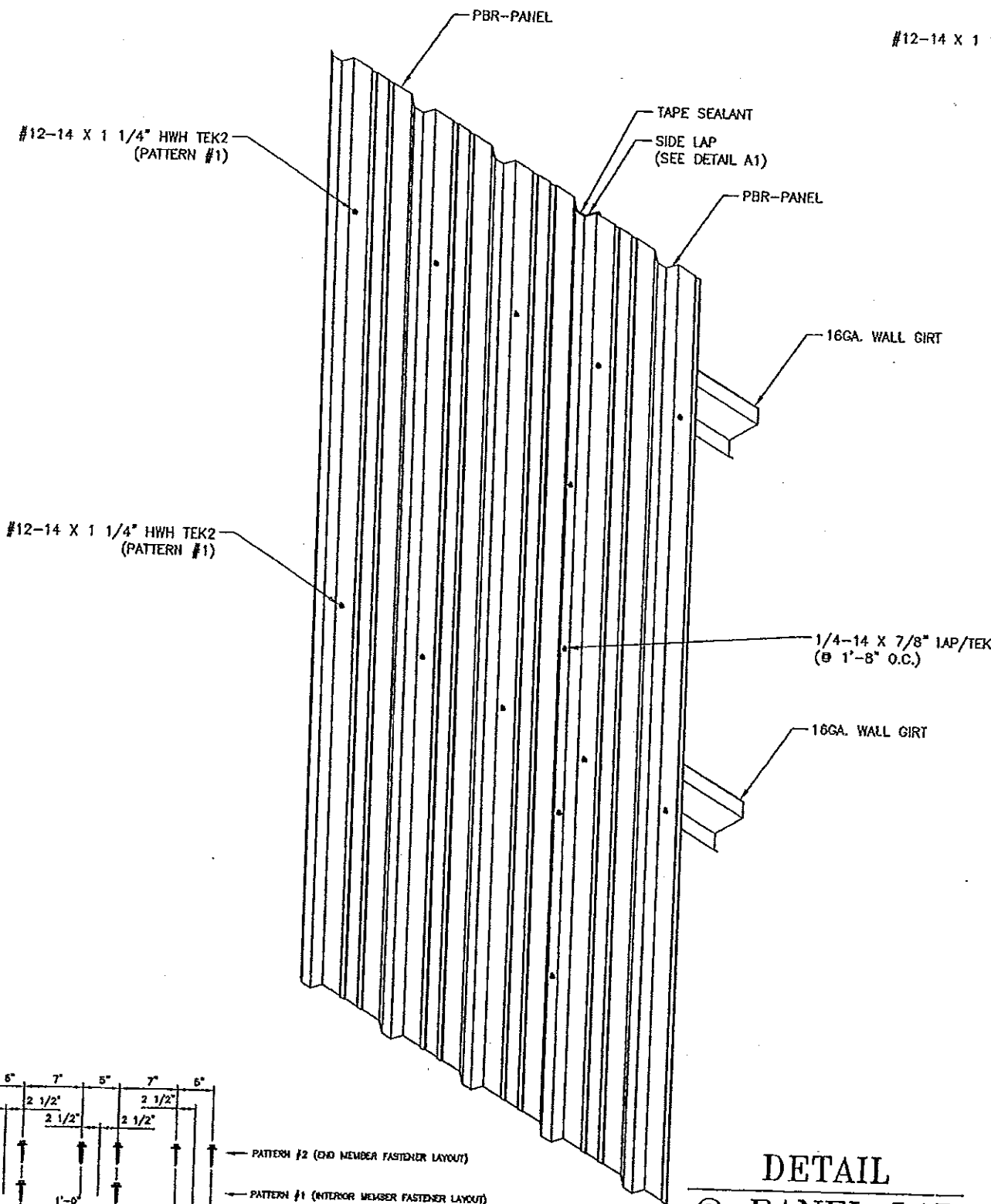
*Healy Harris*  
FEB 12 2009  
FOR CONSTRUCTION

DADE COUNTY TESTING  
PBR-PANEL WATERHEAD TEST  
McELROY METAL, INC.  
MAN'F. ENG.: TERRENCE E. WOLFE, P.E.  
FL REGISTRATION #: 44923

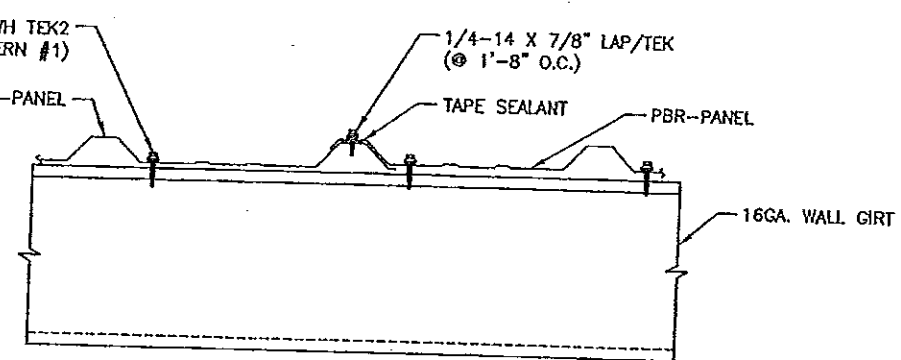
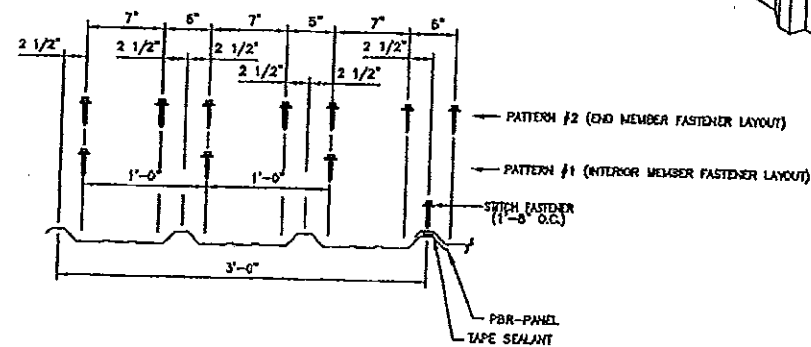
SCALE: N.T.S.  
DATE: 8/11/07  
OWN. BY: J. PURDY  
CHKD BY: E. OSTEI  
LOG NO.:  
E3 OF 5

McELROY METAL, INC.  
ENGINEERING SERVICES DEPT.  
1800 HAMILTON ROAD - BOSSIER CITY, LA. (504) 747-4000





**DETAIL  
@ PANEL LAP  
(ISOMETRIC)**



**DETAIL A1**

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 14-0107.07  
Expiration Date 03/18/2019  
By *Heather A. Miller*  
Miami Dade Product Control  
Division

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 09-0504.08  
Expiration Date 03/18/2014  
By *Heather A. Miller*  
Miami Dade Product Control  
Division

Approved as complying with the  
Florida Building Code  
Date 2-28-09  
NOAH CB-1007-07  
Miami Dade Product Control  
Division  
By *Ed Harris*

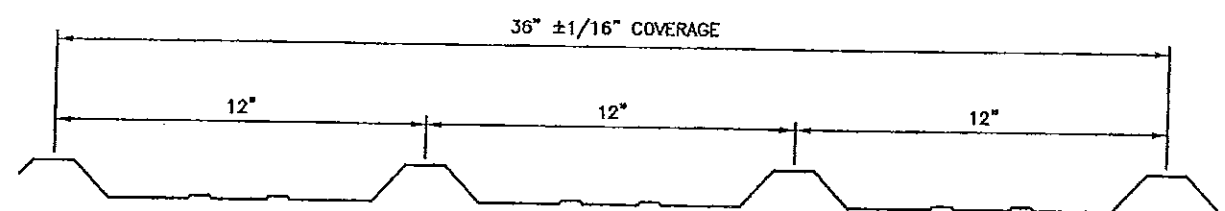
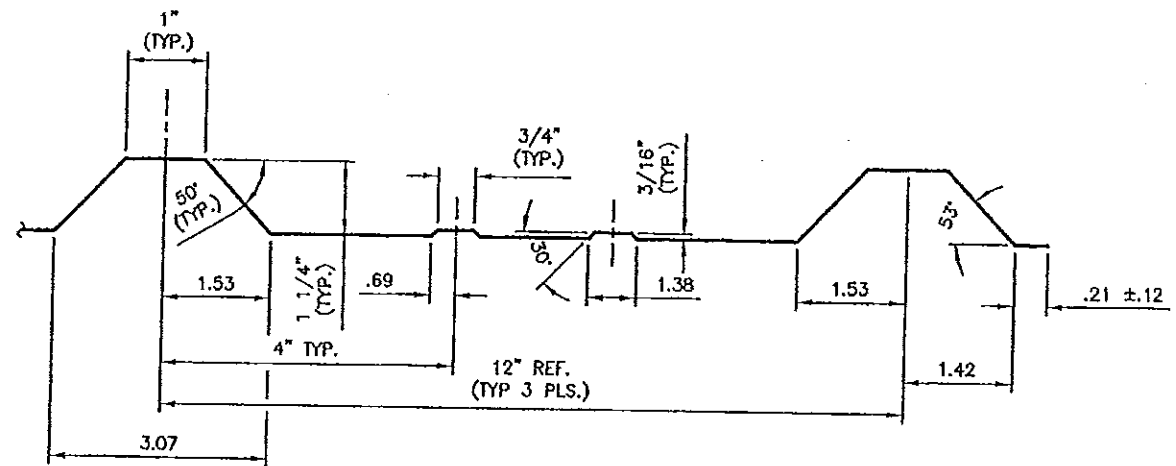
FEB 12 2009

FOR CONSTRUCTION

McELROY METAL, INC.  
ENGINEERING SERVICES DEPT.  
1500 HAMILTON ROAD - BOSSIER CITY, LA. (504) 747-8006

DADE COUNTY TESTING  
PBR-PANEL WATERHEAD TEST  
McELROY METAL, INC.  
MANF. ENG: TERRENCE E. WOLFE, P.E.  
FL REGISTRATION #: 44923

SCALE: N.T.S.  
DATE: 8/11/07  
DWN. BY: J. PURDY  
CHKD BY: E. OSTER  
LOG NO.  
E4 OF 5



**PBR-PANEL**

- NOTES:**
1. THE MAXIMUM UPLIFT DESIGN PRESSURE SHALL BE CALCULATED USING THE FOLLOWING ALLOWABLES.  
 A) MAXIMUM ALLOWABLE BENDING MOMENT OF THE PANEL AT SUPPORTS = 155.25 FT. LB.  
 B) MAXIMUM ALLOWABLE BENDING MOMENT OF THE PANEL BETWEEN SUPPORTS = 87.89 FT. LB.  
 C) MAXIMUM ALLOWABLE DEFLECTION OF WALL PANEL = L/240  
 D) MAXIMUM SUPPORT REACTION = 93.75 LBS. EXT.  
 E)  $E = 1.2213 \times 10^6 \text{ LB-IN}^2$  = 155.25 LBS. INT.
  2. THE MAXIMUM ALLOWABLE SPANS & PRESSURES ARE AS FOLLOWS:  
 SPAN      PRESSURE  
 5'-0"      50.0 PSF

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 09-0504-08  
 Expiration Date 03/18/2014  
 By Heather A. McElroy  
 Miami Dade Product Control  
 Division

**Approved as complying with the**  
**Florida Building Code**  
 Date 2-23-09  
 NOA# 08-1007-07  
 Miami Dade Product Control  
 Division  
 By Steve Harris

**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 14-0102-07  
 Expiration Date 03/18/2019  
 By Heather A. McElroy  
 Miami Dade Product Control

**PANEL ACCESSORIES**

- 1/4-14 x 7/8" LAP/TEX  
BY: SFS INTEC
  - #12-14 x 1 1/4" MNH TEX2  
BY: SFS INTEC
  - SKALASTONE 511 TUBE SEALANT  
BY: SKA
  - SKAFLEX 201 URETHANE TUBE SEALANT  
BY: SKA
  - 1/8" x 1" BUTYL ROLL TAPE SEALANT  
BY: SCHUE-MOREHEAD
- NOTE:**  
 ZAC IS A ZINC-ALUMINUM CAP  
 WITH A 5/8" DIA. NEOPRENE  
 SEALING WASHER.

**PANEL PROPERTIES**

ASTM	PANEL GAUGE	PANEL THICKNESS	YIELD STRENGTH	TENSILE STRENGTH	STEEL COATING	PAINT COATINGS
A792	24	.023 (MIN.)	50 KSI (MIN.)	65 KSI (MIN.)	AZ 55 (BARE) AZ 50 (PAINTED)	KYNAR 500

**FEB 12 2009**  
**FOR CONSTRUCTION**

**McELROY METAL, INC**  
**ENGINEERING SERVICES DEPT.**  
 1000 HAMILTON ROAD • BOSSIER CITY, LA 70710-0000

**DADE COUNTY TESTING**  
**PBR-PANEL WATERHEAD TEST**  
**McELROY METAL, INC.**  
**MANUF. ENG.: TERRENCE E. WOLFE, P.E.**  
**FL REGISTRATION #: 44923**

SCALE: N.T.S.  
 DATE: 6/1/07  
 DWN. BY: J. PURDY  
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 LOG NO: \_\_\_\_\_  
 E5 OF 5